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Datasheet for ABIN7266784  
**anti-DPP9 antibody (AA 1-100)**

1 Image

Overview

Quantity:	100 µL
Target:	DPP9
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPP9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	DPP9 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human DPP9 (NP_631898.3).
Sequence:	MRKVKKLRD KENTGSWRSF SLNSEGAERM ATTGTPTADR GDAAATDDPA ARFQVQKHSW DGLRSIIHGS RKYSGLIVNK APHDFQFVQK TDESGPHSHR
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	DPP9
Alternative Name:	DPP9 ( <a href="#">DPP9 Products</a> )
Background:	<p>This gene encodes a protein that is a member of the S9B family in clan SC of the serine proteases. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Although the activity of this protein is similar to that of dipeptidyl peptidase 4 (DPP4), it does not appear to be membrane bound. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. Several transcript variants of this gene have been described but not fully characterized.,DPP9,DP9,DPLP9,DPRP-2,DPRP2,Cancer,Signal Transduction,Endocrine &amp; Metabolism,Amino acid metabolism,DPP9</p>
Molecular Weight:	95kDa/98kDa/101kDa
Gene ID:	91039
UniProt:	<a href="#">Q86T12</a>

## Application Details

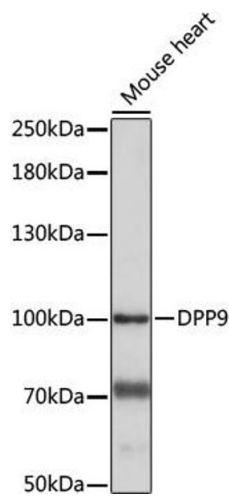
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Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of Mouse heart, using DPP9 antibody (ABIN7266784) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30S.